

Amendments to the Claims

The following is a complete listing of claims, and replaces all claims pending the application.

Listing of claims:

1. [Currently Amended] An extruded pipe connectable to a pressurized fluid source via a first end of said pipe, the pipe comprising a second open end, and a drip-irrigation plug emitter whose circumferential extremity is in full contact with an inner circumference of the pipe, the second open end of the pipe being away from the emitter, the emitter being mounted entirely within the pipe during the extrusion process of the pipe, said ~~[[plug]]~~ emitter having an inlet in fluid communication with said first end of the pipe, a flow restricting path connected to the inlet, and a drip outlet in fluid communication with a connected to the flow restricting path and directing fluid from the flow restricting path to the second open end of the pipe away from the emitter, and a flow-restricting path therebetween, said emitter plugging the pipe with respect to any fluid flow except for the flow through said flow-restricting path, wherein all fluid flowing through the pipe has to flow through the emitter and wherein all fluid which exits the pipe exits from the second open end of the pipe.
2. [Previously presented] An extruded pipe according to Claim 1, constituting a plugged section of a continuous long pipe comprising a plurality of such sections, said extruded pipe resulting from cutting said continuous long pipe.

3. [Original] An extruded pipe according to Claim 1, having at least one additional plug emitter allowing to adjust the length of said flow-restricting path by cutting off the plug emitter which is closer to said second end.
4. [Original] An extruded pipe according to Claim 1, wherein said plug emitter forms a swelling at the outer surface of the pipe.
5. [Original] An extruded pipe according to Claim 1, wherein said pipe and said plug emitter are adapted to be cut together, thereby allowing to adjust the length of said flow-restricting path.
6. [Original] An extruded pipe according to Claim 1, wherein said flow-restricting path is formed as a flow labyrinth.
7. [Original] An extruded pipe according to Claim 6, wherein said plug emitter has peripheral surface formed with a labyrinth channel, and said flow labyrinth is defined, at least in part, by said labyrinth channel and an adjacent wall of said pipe.
8. [Previously presented] An integral drip-irrigation plug emitter adapted for mounting inside an extruded pipe according to Claim 1.
9. [Original] A drip-irrigation plug emitter according to Claim 8, further having a filter means disposed upstream of said flow labyrinth.
10. [Original] A drip-irrigation plug emitter according to Claim 8, wherein said flow labyrinth is symmetric relative to the direction of flow therethrough to an extent that the flow inlet may be used as a drip outlet and vice versa.

11. [Previously presented] A drip-irrigation plug emitter according to Claim 10, further having two integral filter means disposed each at one end of said flow labyrinth.

12. [Previously Presented] A method for extrusion of a continuous long pipe comprised of sections constituting the extruded pipe of Claim 1, wherein said method includes inserting said plug emitters at predetermined intervals during the extrusion process so that said pipe is plugged by each emitter with respect to any fluid flow except for the flow path through the emitter.

13. [Original] A method according to Claim 12, further including cutting said long pipe into said sections.

14. [Original] A method according to Claim 13, wherein each said section has an end adjacent to the drip outlet of said emitter.

15. [Original] An extruded pipe according to Claim 1, further having a means for fixing said second end of the pipe in suitable position relative to an irrigated plant.

16. [Original] An extruded pipe according to Claim 15, having a portion of the pipe between said second end and said drip outlet adapted to accommodate said fixing means inside said portion.

17. [Original] An extruded pipe according to Claim 16, wherein said fixing means is an elongated body with one end tightly insertable into said portion of the pipe and a pointed second end adapted to sink in the soil.

18. [Cancelled]

19. [Cancelled]

20. [Previously presented] A drip-irrigation plug emitter according to Claim 8, wherein said plug emitter has peripheral surface formed with a labyrinth channel, and said flow-restricting path is defined, at least in part, by said labyrinth channel and an adjacent wall of said pipe.

21. [Cancelled]

22. [Cancelled]

23. [Currently Amended] A continuous long extruded pipe adapted to be cut into pipe sections, each pipe section being connectable to a pressurized fluid source via a first end of said pipe section, each pipe section comprising a second open end, and a drip-irrigation plug emitter whose circumferential extremity is in full contact with an inner circumference of the pipe, the second open end of the pipe being away from the emitter, the emitter being mounted entirely within the pipe during the extrusion process of the continuous pipe, said ~~[[plug]]~~ emitter having an inlet in fluid communication with said first end of the pipe section, a flow-restricting path connected to the inlet, and a drip outlet connected to the flow restricting path and directing fluid from the flow restricting path to the in-fluid communication with a second open end of the pipe section away from the emitter, and a flow-restricting path therebetween, said emitter plugging the pipe section with respect to any fluid flow except for the flow through said flow-restricting path, and forming a swelling at the outer surface of the pipe, wherein all fluid flowing through the pipe section has to flow through the emitter and wherein all fluid which exits the pipe section exits from the second open end of the pipe section.

24. [Currently Amended] An extruded pipe connectable to a pressurized fluid source via a first end of said pipe, the pipe comprising a second open end, and a drip-irrigation plug emitter whose circumferential extremity is in full contact with an inner circumference of the pipe, the second open end of the pipe being away from the emitter, the emitter being mounted entirely within the pipe during the extrusion process of the pipe, said ~~[[plug]]~~ emitter having an inlet in fluid communication with said first end of the pipe, a flow-restricting path connected to the inlet, and a drip outlet connected to the flow restricting path and directing fluid from the flow restricting path to the in-fluid communication with a second open end of the pipe away from the emitter, said first end of the pipe being upstream of the inlet, and said second open end of the pipe being downstream of said drip outlet; ~~and a flow-restricting path therebetween,~~ said emitter plugging the pipe with respect to any fluid flow except for the flow through said flow-restricting path, wherein all fluid flowing through the pipe has to flow through the emitter and wherein all fluid which exits the pipe exits from the second open end of the pipe.

25. [Currently Amended] An extruded pipe connectable to a pressurized fluid source via a first end of said pipe, the pipe comprising a second open end, and a drip-irrigation plug emitter whose circumferential extremity is in full contact with an inner circumference of the pipe, the second open end of the pipe being away from the emitter, the emitter being mounted entirely within the pipe during the extrusion process of the pipe, said ~~[[plug]]~~ emitter having an inlet in fluid communication with said first end of the pipe, a flow restricting path connected to the inlet, and a drip outlet in fluid communication with a connected to the flow restricting path and directing fluid from the flow restricting path to the second open end of the pipe away from the emitter, ~~and a flow-restricting path therebetween,~~ said emitter being fully surrounded by the pipe and plugging the pipe

with respect to any fluid flow except for the flow through said flow-restricting path, wherein all fluid flowing through the pipe has to flow through the emitter and wherein all fluid which exits the pipe exits from the second open end of the pipe.

26. [Previously Presented] An extruded pipe according to Claim 24, wherein the flow-restricting path extends between the inlet and the drip outlet.

27. [Previously Presented] An extruded pipe according to Claim 26, wherein the flow-restricting path is in the form of a labyrinth.

28. [Previously Presented] A method according to Claim 12, wherein the plug emitters are inserted into the pipe so as to be tightly surrounded thereby.

29. [New] An extruded pipe according to Claim 1, wherein the second open end is not formed in the wall of the pipe.